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PATENT  
Attorney Docket No.: MSA-023.01  
(20974-2301)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Kornman and Duff )  
Serial No.: 09/888,056 ) Group Art Unit: 1634  
Filed: June 22, 2001 ) Examiner: Arun K. C.  
Title: *Screening Assays for Identifying Modulators of the* )  
*Inflammatory or Immune Response* )

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited on **April 25, 2003** with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Kristen Willett  
Kristen Willett

Commissioner for Patents  
Washington, D.C. 20231

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BASED ON  
INTERNATIONAL SEARCH REPORT IN A COUNTERPART PCT APPLICATION**

Sir:

In compliance with the requirements of 37 C.F.R. 1.56, submitted herewith on Form PTO-1449 is a list of publications identified in an International Search Report issued in a related PCT application. A copy of each cited publication and the International Search Report is submitted herewith.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached Form PTO-1449.

This submission does not represent that a search has been made or that no better art exists. Nor does it constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies the cited documents as prior art against any claim in the application and Applicants determine that the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of said documents. Should one or more of the listed references be applied against the claims of the present application, Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents.

This Information Disclosure Statement is being filed within three months of the mailing date of the International Search Report and before a first Office Action on the merits; therefore, no fee is believed to be due in connection with the filing of this statement. However, the Commissioner is authorized to credit any overpayment or charge any deficiencies to/from our Deposit Account, No. 06-1448, reference MSA-023.01.

Respectfully submitted,

FOLEY HOAG LLP

By: 

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*Dated: April 25, 2003*  
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Form PTO-1449

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) MSA-023.01 (20974-2301)		Application Number 09/888,056	
	Applicant Kornman and Duff			
	Filing Date June 22, 2001		Group Art Unit 1634	

**OTHER DOCUMENTS***(Including Author, Title, Date, Pertinent Pages Etc.)*

CE Cox et al.; "An analysis of Linkage Disequilibrium in the Interleukin-1 Gene Cluster, Using a Novel Grouping Method for Multiallelic Markers", Am. J. Hum. Genet. 62: 1180-1188, (1998)

CG Evans and Relling; "Pharmacogenomics: Translating Functional Genomics Into Rational Therapeutics", Science 286: 487-491, (October 15, 1999)

CG Kraan et al.; "An IL-13 Promoter Polymorphism Associated with Increased Risk of Allergic Asthma", Genes and Immunity 1: 61-65, (1999)

CH Kornman et al.; "Interleukin-1 Genotypes and the Association Between Periodontitis and Cardiovascular Disease", J. Periodont. Res. 34: 353-357, (1999)

CI Roses D. A. ; "Pharmacogenetics and Future Drug Development and Delivery", The Lancet 355: 1358-1360, (April 15, 2000)

CI Roses D. A.; "Pharmacogenetics and the Practice of Medicine", Nature, 405: 857-865, (June 15, 2000)

CK Schreiner and al.; "Reduced Secretion of Proinflammatory Cytokines of Monosodium Urate Crystals-Stimulated Monocytes in Chronic Renal Failure: An Explanation for Infrequent Gout Episodes in Chronic Renal Failure Patients? Nephrol. Dial. Transplant. 15: 644-649, (2000)

CL Stokkers et al.; "Tumor Necrosis Factor (TNF) in Inflammatory Bowel Disease: Gene Polymorphisms, Animal Models, and Potential for Anti-TNF Therapy", Journal of Inflammation, 47: 97-103, (1996).

CM Vinasco et al.; "Polymorphism at the TNF Loci in Rheumatoid Arthritis", Tissue Antigens 49: 74-78, (1997)

CN Camp et al.; "The Relationship Between IL-1 Genotype and Clinical Response to Recombinant IL-1 Receptor Antagonist Therapy in Rheumatoid Arthritis.", American Journal of Human Genetics, 65(4): Abstract page A198 XP001135186, 49<sup>TH</sup> Annual Meeting of the American Society of Human Genetics; San Francisco, California, USA October 19-23, 1999.

CO Partial International Search Report Mailed on March 19, 2003

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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(Use several sheets if necessary)

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Kornman and Duff

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June 22, 2001

Group Art Unit  
1634

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BT	US 4,980,281	12/25/90	Housey	435	29	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
BU	WO 98/47004	10/22/98	WIPO				X
BV	WO 98/54359	12/03/98	WIPO				X
BW	WO 99/24615	05/20/99	WIPO				X
BX	WO 99/54707	10/28/99	WIPO				X
BY	WO 00/04194	01/27/00	WIPO				X
BZ	WO 00/22166	04/20/00	WIPO				X
CA	WO 00/29614	05/25/00	WIPO				X
CB	WO 00/47619	08/17/00	WIPO				X
CC	WO 00/72015 A2	11/30/00	WIPO				X
CD	WO 01/00880 A2	01/04/01	WIPO				X